

Title (en)
THROTTLE GRIP APPARATUS

Title (de)
DROSSELGRIFFVORRICHTUNG

Title (fr)
POIGNÉE D#ACCÉLÉRATEUR

Publication
EP 3330513 A1 20180606 (EN)

Application
EP 17204930 A 20171201

Priority
• JP 2016234402 A 20161201
• JP 2016234403 A 20161201

Abstract (en)
A throttle grip apparatus includes a throttle grip, an interlocking member which includes engaged parts to be engaged with engaging parts formed on the throttle grip and is rotatable in conjunction with rotation of the throttle grip, a first biasing unit which biases the interlocking member when the throttle grip rotates in a normal direction, a second biasing unit which biases the interlocking member when the throttle grip rotates in a reverse direction. The engaging parts and the engaged parts are formed respectively on the throttle grip and the interlocking member at regular intervals along a rotation direction of the throttle grip, and the second biasing unit is installed at each of positions between the engaged parts of the interlocking member.

IPC 8 full level
F02B 61/02 (2006.01); **B62K 23/04** (2006.01); **F02D 11/02** (2006.01); **F02D 11/10** (2006.01)

CPC (source: EP US)
B62K 23/04 (2013.01 - EP US); **F02B 61/02** (2013.01 - EP US); **F02D 11/02** (2013.01 - EP US); **F02D 11/106** (2013.01 - EP US);
F02D 2011/101 (2013.01 - US)

Citation (applicant)
JP 2015081564 A 20150427 - ASAHI DENSO CO LTD

Citation (search report)
• [YA] JP 2010088154 A 20100415 - HONDA MOTOR CO LTD
• [YA] EP 2578485 A1 20130410 - MIKUNI KOGYO KK [JP]
• [A] EP 2644491 A1 20131002 - HONDA MOTOR CO LTD [JP]

Cited by
US2020290699A1; US11597467B2; EP3690217A1; US2020239101A1; US10850795B2; EP3786048A1; CN112443402A; EP3546329B1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3330513 A1 20180606; **EP 3330513 B1 20190724**; TW 201827700 A 20180801; TW I700430 B 20200801; US 10377441 B2 20190813;
US 2018154975 A1 20180607

DOCDB simple family (application)
EP 17204930 A 20171201; TW 106142173 A 20171201; US 201715827643 A 20171130